The Logger's
BARK
1916 RADIO CLUB of TACOMA 2019
September, 2019 VOLUME 16, ISSUE 9 ©Radio Club of Tacoma W7DK

Contest season begins!!

I'm curious how many among our members participate in the myriad of Amateur Radio contests over the course of the year… Almost every single weekend of the year there is a radio contest running somewhere! Bands range from 160 meters to the high GHz ranges, and all modes in common use on the bands (even modes that some of us thought might have been retired years ago!)

Just this past weekend (September 14 and 15) was the ARRL September VHF contest which runs every year on the second full weekend of September. (It also runs every year in June as well). Large numbers of hams with all license classes compete to score the most points by making the most contacts, collecting the most Maidenhead grids, on as many VHF / UHF bands as possible. It's a great way for Tech class licensees to get their feet wet trying to garner scoring points in a contest event that fits nicely within the Tech license privileges.

While the September ARRL VHF contest really signals the beginning of "Contest Season" – at least in my mind – it's really the Washington State QSO Party, lovingly called the "Salmon Run" by those who look forward to it every year, that truly brings in the season of HF contesting. Salmon Run has many facets. Contesters compete for points and multipliers, of course, as in all contests. But also for the coveted "Clean Sweep" award of working all 39 counties within the state. And some years, that can be no small feat, as some of the tiny Eastern Washington counties often have a very sparse ham operator turnout. Ferry, Pend Oreille (pronounced "Pon-der-ray" in case you're wondering), and a few others often skunk many users hoping to get the sweep.

And of course, there are a number of other awards that can be earned, the top of which earn a prize of smoked salmon, delivered to your door! Top score for the state in CW or Mixed mode most notably. But you can also win a county – having top score for any county you either live in or choose to visit and set up for the event. Over the years, I've been fortunate to win three county awards as well as my Clean Sweep.

But that's just the beginning! From now until well after the first of the new year, contests abound. Including the really big ones – ARRL Sweepstakes (SSB and CW) and the equivalent events from CQ. Since there are simply too

THE PRESIDENT'S CORNER

DAVE W7UUU

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NEW BARK EDITOR

URGENTLY NEEDED

IF INTERESTED

Contact PJ N7PH or a club officer.

many to list here, if you're not already aware, by all means check out https://www.contestcalendar.com/ - *the* WA7BNM contest compendium used the world over to keep up on the upcoming contests. See the screen image below for just the upcoming week – if you've never looked at this site before, it's an eye-opener. *Picture of chart on next page. Ed.*

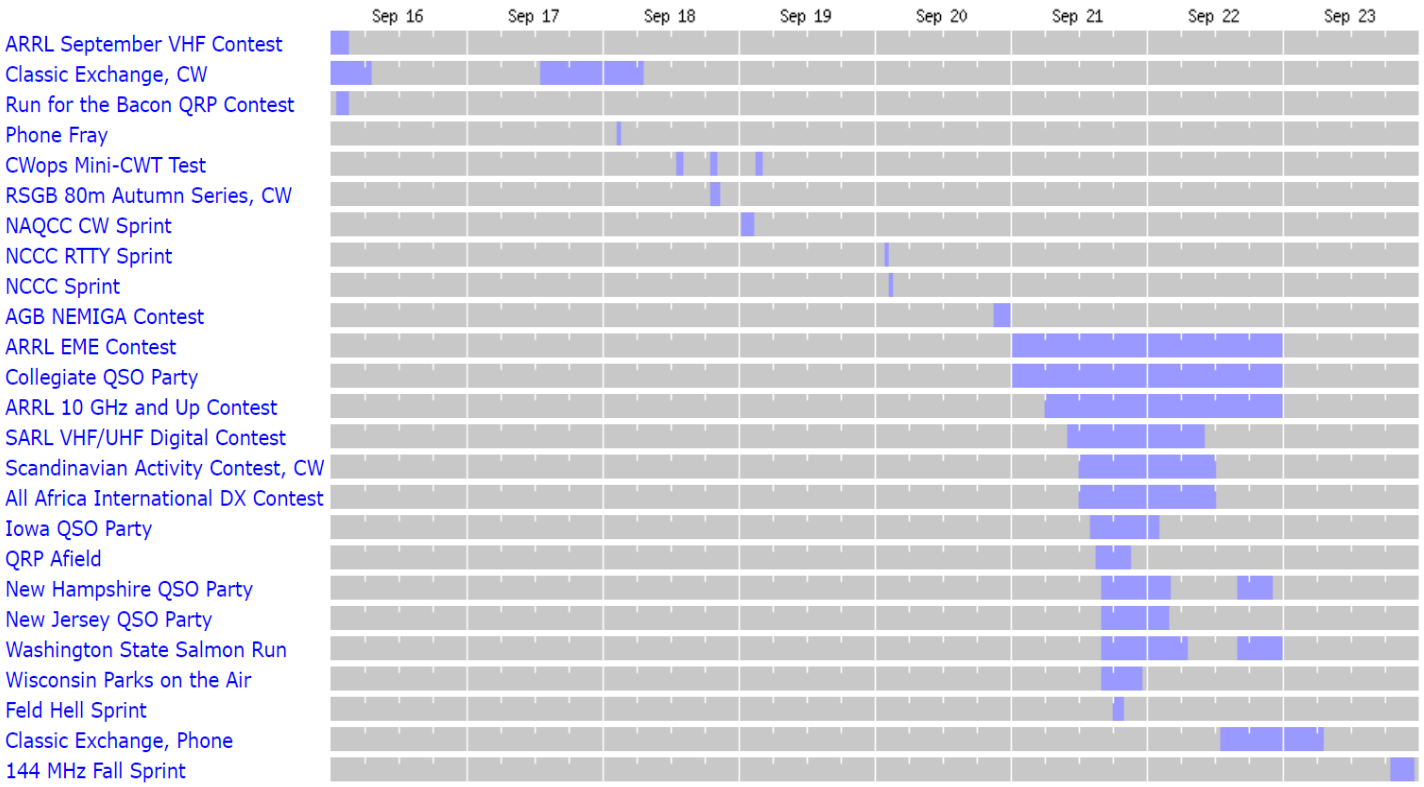
Of course, contests can actually serve multiple purposes! You do not need to "compete to win" – not by a long shot! You do not need to submit a contest log when it's done either. Just study the contest rules as posted in the link above, learn what the exchange is (the information traded to count for a contact), and when the day comes, spend some time just listening around to see how the "flow" of the event goes. Some are super easy (just give a 59 or 599 signal report and maybe your state) – others are a bit involved, like the ARRL Sweeps with a fairly complex exchange.

If you're in the process of learning Morse, or working to improve your speed skills, contests are a wonderful way to hear Morse being sent at pretty high speeds (25 to low-30s typical). Why? Because the calling station will send his call over and over. And also with the exchange both parties trade to "get the point". Back when I was trying to break the 15 WPM plateau to earn my Extra ticket with the then-required 20 WPM speed, contests were a wonderful aid for me. And even though Morse is no longer required for licensing, many folks are either learning it anew, or re-learning. While there are many ways to bring up your speed, listening to contests is one of the best.

If you're lacking certain states for your **W**orked **A**ll **S**tates, or DX entities for DXCC, WAC, or any other award variations, contests are a terrific way to make those contacts, often in a single weekend contest event. One of my "side hobbies" in amateur radio is restoring some old rig, then setting about working and confirming all 50 states on just that radio! It's a lot of fun and provides an attainable challenge with sometimes very old radios that perform at levels way below modern standards. But that makes it even more fun, because while anyone can work all states on an Icom IC-7300 or similar modern rig, it's quite another story on an ancient Eico 753, Henry Radio Tempo One, or similar old rig.

So for all those who are already into the contest aspect of amateur radio, I wish you a fantastic 2019 "winter contest season". For those who might be interested but never tried, jump right in! Need more assistance or confidence? The Mighty W7DK Radio Club of Tacoma participates in many of these contest events and the frequent club operators would be more than happy to show you the ropes. Just reach out to any club officer, or Al Ferguson N7OMS who heads up the contest operations and we'll set you up!

For now, I wish you all a great start to fall and hope to bump into a few in the upcoming contests
Until next month's column...



Red Cranefield WB7EC and Phil Pia K7PIA, two of the many club member volunteers who manned the information booth at the Washington State Fair in Puyallup. Contacts made and information given out always helps grow our club. Notice the Monitor with a display of the Flex SDR at the clubhouse remotely operated from the fair.

MFJ Group Purchase

Our membership is large, dynamic and diverse with members active in many areas of ham radio. The club has members with interests operating QRP, contesting, CW, Digital, restoration of old radios and various other activities at different times of the year. However, there are other advantages to being a member of an active club. There is an old saying "there's strength in numbers". This is clearly the case with group purchasing which brings together club members and uses our collective buying power to get lower prices on products we purchase.

This all started 3 years ago when I spoke with MFJ about getting products to review and test. The plan started out with getting different MFJ products and have them at the clubhouse where members would have an opportunity to use them. The first product we tested was the MFJ-618 Speech Intelligibility Enhancer (dual channel). The intelligibility Enhancer was setup in the Lou room connected to an HF radio. For about 6 weeks club members were able to use and test the MFJ-618. Club members liked the product and so it was decided to place an order. The group order was modest with a purchased of 8 MFJ-618's. We received about a 23 percent discount off of list. There was additional savings with shipping too.

(Left to right) Adam W2NNC and Richard Stubbs MFJ

Since then the radio club has made 3 group purchases. In our last group purchase 25 club members participated. The retail value of the order was about $6300. Depending on the item selected we received about 22% to 30% discount off of list price. I am in the process of putting together another MFJ club group purchase. I will be finalizing the order at the end of September.

If you're interested in participating in the MFJ group purchase stop by the clubhouse. There is a signup sheet on the bulletin board in the training room or send me an email.

Once the club's order is finalized it gets sent off to MFJ along with at check from the club's treasurer. Richard Stubbs is a senior sales rep at MFJ Enterprise. He is the person who manages our purchase requests. At this year's SEAPAC Ham fest in Seaside Oregon MFJ had a presence and Richard was there. I had a chance to speak with him in person. We are looking forward to working with Richard and MFJ again in the near future.

Adam Barbera W2NCC
adambarbera©yahoo.com

Emergency Preparedness Presentation at club meeting - great success.

Gentlemen, I wanted to thank you all for your contributions to today's program. As Larry KD4VOM said, our biggest problem is complacency. I don't think I said very much that most people didn't already know. We all need the occasional reminder. Thanks, Larry, and it's so good to see you up and about!

Kerry, KI7LTV, your T Shirt is awesome and I've signed up for the Disaster Preparedness group on Facebook. Thanks for the suggestion.

John, AC7WW, your help (and Connie's bucket) made my little presentation a lot less boring and a lot more practical. Sincerest thanks for your interest and effort to help.

My personal takeaway today was to try to involve several people in presentations whenever possible. It just makes it more interesting and people get more engaged in the conversation/program.

Thank you all again!

73, Verna KF7SCB

Thank you Verna for the informative and interesting presentation. Proper preparations make all the difference in an emergency. Looking forward to more great presentations. PJH ed.

ARRL Special Service Club
Radio Club of Tacoma
This certificate indicates the club's commitment for the next two years to improve the visibility of Amateur Radio as a positive force in the community by assisting in emergencies, and providing and encouraging training; as well as to further club activities for the betterment of the membership and the Amateur Radio Service.
ARRL SPECIAL SERVICE CLUB
ARRL The national association for AMATEUR RADIO®
April 8, 2019
Date
Bart Jahnke W9JJ
ARRL Affiliated Clubs Manager

HERE'S YOUR CHANCE

There are only three more issues of the Logger's Bark newsletter in the pipeline before I publish my last newsletter.

My time as editor has been fun, enlightening, and very rewarding but is rapidly coming to a close. So to anticipate my leaving and breaking in a new editor I am giving this notice and offering one of **you** the great opportunity to step up and become the 2020 Logger's BARK Editor.

Contact me, P. J. Hicks, editor, hickspj467©comcast.net , or one of the RCT officers and become the next voice of the Radio Club of Tacoma.

GENERAL LICENSE CLASS

The Radio Club of Tacoma will hold a license upgrade class for the General Class License starting on Thursday September 26, 2019 and running through Thursday December 5, 2019 (No class on Thanksgiving) from 7:00pm to 9:00pm at the Radio Club of Tacoma Clubhouse, 1249 S. Washington Street, Tacoma, WA 98405.

Summary;
Date: September 26, 2019 thru December 05, 2019 on **Thursday evenings**.
Time: 7:00pm to 9:00pm
Place: Radio Club of Tacoma's Clubhouse
1249 S. Washington St.
Tacoma, WA 98405

Required Textbooks:
ARRL General Class License Manual, latest edition aprx. cost $30.00
FCC Rules and Regulations, latest edition aprx. Cost $8.00

Instructor's Materials package: from instructor $9.00

Instructors: Dave Brooks, N7HT 253-363-1692
Galen Sutton, KA7UQH

All students must purchase their own books and materials
Please register with Dave Brooks, N7HT directly.

PITCAIRN ISLAND DX PEDITION

October 18, 2019— November 1, 2019

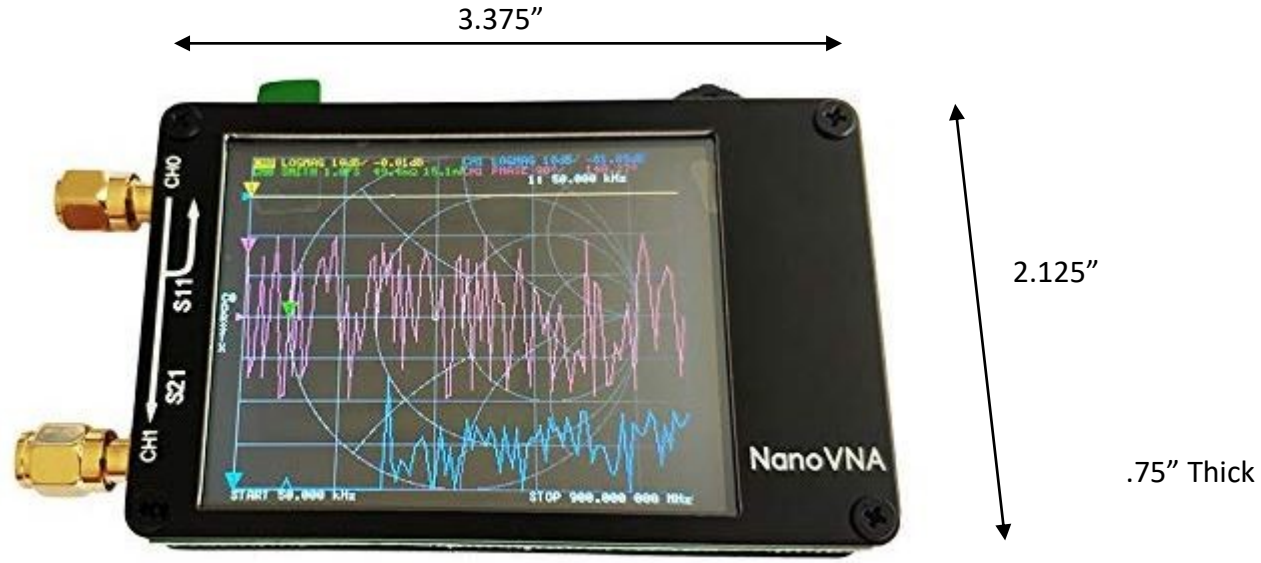
GADGET REVIEW—NanoVNA

The current Ham 'must have' rage or plaything is the NanoVNA made overseas and sold online. It is, however, a serious low-cost tool with many features usually found only in much costlier devices and tests show it to be surprisingly accurate.

A vector network analyzer (VNA) is an instrument used to measure antenna or coax parameters such as SWR, impedance and loss. It can also be used to characterize and tune filters. It is a very useful if you are building and tuning homemade antennas, filters, or other RF circuits. For example if you are building an antenna a VNA can help ensure that your antenna is properly tuned to the correct frequency. A VNA supplies you with phase information as well.

Until recently, VNAs have cost roughly US$500 for a decent USB PC based unit like the miniVNA or PocketV-NA, and thousands to tens of thousands of dollars for lab quality bench top units.

The cost of owning a VNA has now been reduced to only US$50 thanks to the NanoVNA. The open source NanoVNA project by ©edy555 and ttrftech has been around since 2016, but only recently have Chinese sellers begun mass producing the unit and selling them on sites like Aliexpress, eBay and now Amazon. All the listings we've seen seem to come with simple calibration kits as well.



The NanoVNA: A $50 or less Vector Network Analyzer

The NanoVNA is a small credit card sized VNA. It has a built in LCD screen that can be used to display graphs directly, it can also be connected to a PC and the graphs viewed via the NanoVNA Windows software. The frequency range is from 50 kHz to 900 MHz, although you should note that above 300 MHz dynamic range performance is reduced.

My unit came with two 12” cables with SMA connectors mounted, a F-F adaptor and 3 calibration caps in a nice, but too small, plastic box.

YouTube has many videos demonstrating and reviewing the NanoVNA. The overall consensus is that the unit is accurate and works well. For additional support there is forum available at Groups.IO.

Fall VHF Contest—Teaser Article by Rich KR7W

The gauntlet was thrown down as an announcement during the Tuesday Night (2M) Net on Sept 10. It was followed up on Sept 11 with this email message to RCT members who seem to have an interest in Amateur Radio Contesting.

"The Mt Rainier ARC, WW7LW unofficially challenges W7DK in this Saturday's ARRL Sept VHF Contest. The high score winner receives 200 kB of fame in the upcoming Logger's Bark as well as bragging rights. Even though the net control op snickered at my announcement WW7LW is serious about this challenge".

"Dust off that dormant 100 Watt VHF station in the Lou Room, rotate that array of horizontal VHF antennas on the short tower, and make some VHF QSOs. Demonstrate the fun a Tech Class licensee can have".

On Saturday, Sept 14, four MRARC - WW7LW members Chuck AC7QN, Mike W7MKE, Pat WT7N, and Rich KR7W drove to the Sunrise Visitor Center located in Mt Rainier National Park and hiked the 2.5 mile trek to the proper summit of Mt Fremont (not the look-out, but the SOTA Summit). About 1/2 mile of this trek is off trail. The group operated 6 meter SSB, 2 meter + 70 cm SSB, and 2 meter FM- from 12 Noon to 3 PM, then trekked back to the car.

How will Next Month's final chapter of this ham radio challenge read? Will W7DK have beaten WW7LW? Maybe so, as WW7LW only operated for 3 hours using 5 watts or less with home built antennas. Are you curious? Tune in Next Month.

Top Photo: KR7W operates 5W KX3 on 6M SSB. This rock also worked stations on 2M FM.

Bottom Photo: AC7QN on left, W7MKE center, and KR7W attempt to operate a CW station on 144.200 MHz.

RCT SALE

AS OF 07 SEPTEMBER 2019

NEW ITEMS IN RED #141-147

ITEM			PRICE
4. Heath Clock GS-1000			$50.00
18. Yaesu HF PWR AMP FT-2100B			$300.00
25. Kenwood XTAL Filter YG-455C-1			$50.00
41. Suitcase with Tektronix scope camera			$50.00
84. Comet Triplexer CFX-514			$40.00
94. TEN TEK HF XCVR UNI 6+			$400.00
94A. TEN TEK Power Supply OMNI PS		P/O # 94	
101. Timewave TNC Terminal DSP-9+			$25.00
110. Kenwood HF XCVR TS-850S SN: 70100203			$300.00
112. SWAN SWR METER WM-2000			$75.00
114. Astron Power Supply RS-12A			$25.00
115. Rohn tower six sections/ rotor top section			$450.00
116. Hammarlund HF RX HQ-105TR			$100.00
118. Comet mobile ant UHF-4			$75.00
119. Elecraft HF XCVR K1 TWO bands	15/40 /AT		$300.00
123. MFJ ANT Tuner Versa Tuner II 962D			$250.00
125. Kenwood 2 MTR XCVR TR-9000			$100.00
127. Mirage 2 MTR AMP B-1016G			$200.00
128. MFJ Power Supply MFJ 4245MV			$100.00
129. Kenwood Microphone MC-50			$75.00
131. ICOM HF XCVR IC- 706		SN: 8973	$500.00
132. MFJ Ant Tuner MFJ-969		SN: NA	$150.00
133. YAESU HF XCVR FT-990		SN: 11060244	$600.00
134. YAESU Speaker SP-6	SN: 1 E001		$60.00
135. MFJ Ant Tuner MFJ 949E		SN: NA	$75.00
136. Yaesu Rotor Controller G-800SDX		SN: NA	$55.00
137. Wilson TWR Section TT-114 11'		SN: NA	$25.00
138. Kenwood HF RX R-599D		SN: 530265	$150.00
139. Vista 12vdc- 120vac Inverter CXV-4	SN: 079717		$30.00
141. Hallicrafters HF Receiver SX-100/SPKR			$100.00
142. Vibroplex Keyer/bug	SN: 245832		$75.00
143. Vibroplex Keyer/bug	SN: 209216		$75.00
144. Vibroplex Keyer/bug	SN: 153806		$75.00
145. Speedex Keyer/bug	SN: NA		$50.00
146. Heathkit HF Transmitter DX-20		SN: NA	$75.00
147. Crushcraft 14 element 2 meter beam	SN: NA		$100.00

Items listed above are available for inspection and purchase at the Radio Club of Tacoma's clubhouse on Saturdays from 10:00 am to 3:00 pm. Contact Red Cranefield WB7EC, wb7ec©w7dk.org or one of the other PMT members for more information. New donations are gratefully accepted.

Beginner's Corner – Diodes, basic tests

The fundamental functionality of a diode is that it acts somewhat like a one way check valve. That is, the resistance in one direction, positive polarity source to the Anode(+) to Cathode(-) is very low and it is very high in the opposite direction. The measurements given by your ohmmeter are only relative. The problem with using an ohmmeter to check a diode is that the readings obtained only have qualitative value, not quantitative. In other words, an ohmmeter only tells you which way the diode conducts; the low-value resistance indication obtained while conducting is useless for design purposes.

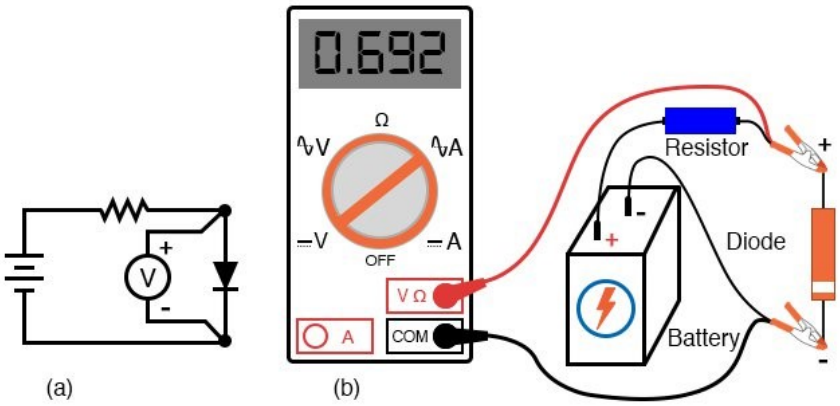
If an ohmmeter shows a value of "1.73 ohms" while forward-biasing a diode, that figure of 1.73 Ω doesn't represent any real-world quantity useful to us. It neither represents the forward voltage drop nor any "bulk" resistance in the semiconductor material of the diode itself, but rather it is a figure dependent upon both quantities and will vary substantially with the particular ohmmeter used to take the reading.

To determine which end of the diode is the cathode and which is the anode, you must know which test lead of the meter is positive (+) and which is negative (-) when set to the "resistance" or "Ω" function. With most digital multimeters, the red lead becomes positive and the black lead negative when set to measure resistance. However, this is not guaranteed for all meters. Many analog multimeters actually make their black leads positive (+) and their red leads negative (-) when switched to the "resistance" function because it is easier to manufacture it that way.

Diodes and Digital Multimeters

Some digital multimeter manufacturers equip their meters with a special "diode check" function which displays the actual forward voltage drop of the diode in volts, rather than a "resistance" figure in ohms. These meters work by forcing a small current through the diode and measuring the voltage dropped between the two test leads.

The forward voltage reading obtained with such a meter will typically be less than the "normal" drop of 0.7 volts for silicon and 0.3 volts for germanium because the current provided by the meter is very small. Some better multimeters are compensated for this.



Right: Measuring forward voltage of a diode without "diode check" meter function: (a) Schematic diagram. (b) Pictorial diagram

Alternatives to Diode-check Function

If a multimeter with diode-check function isn't available, or you would like to measure a diode's forward voltage drop at some non-trivial current, the circuit of the figure above may be constructed using a battery, resistor, and voltmeter.

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Connecting the diode backwards to this testing circuit will simply result in the voltmeter indicating the full voltage of the battery.

Radio Club of Tacoma
General Meeting Minutes
August 3, 2019

Meeting called to order at 1331 PDT by President Dave W7UUU at **Tacoma Eagles Aerie #3, 4810 South Tacoma Way**

Officers and Directors Present

President	Dave Ellison W7UUU
Vice President	Mike Mikuchonis W7XTZ
Secretary	Mike Finnie W7MWF
Board	Red Cranefield WB7EC
Board	Phil Pia K7PIA
Board	Paul Matney W7PFU

Pledge of Allegiance led by Dave W7UUU

Welcome and Self-Introductions

Guests None present
New Calls None announced
Self-introduction were completed. There were 31 names on the attendance roster.

Health and Welfare

No Silent Keys were announced. Members were advised that Larry KD4VOM had been in the hospital recently.

Secretary's Report Mike W7MWF reported receipt of the usual stuff: QSL cards, periodicals, utility bills, bank statements. Property Tax Notice of Valuation increase $34,500 ($268,500 >> $303,000).

Treasurer's Report No Report

President's Report Dave W7UUU announced that at the end of the year he will retire as Meeting Program Coordinator. Also, Anne N7ANN will be retiring from duties as general meeting hostess. P. J. Hicks N7PH will step down as the BARK editor. Volunteers need to step up and fill these slots.

Committee / Activity Reports

Membership George K7GRS reported membership stands at 274. He also highlighted some of the joys he experiences with new and renewing memberships.

Training Technician training is suspended through the summer. The next scheduled class will be held October 6/7

VE Report (AC7WW)) The next VE Session will be held August 13.

HF Operations Phil K7PIA reported that the State Fair team will be operating remotely using the Flex physically located at the Clubhouse. There will be no interference with Salmon Run opera

tions. Also upcoming is the NAQC contest on August 17.

Repeater Ops (K7TMW) It was announced that Gary WG7X will be Net Control for 5th Tuesday 2 meter net.

IT Report Randy WB4SPB reported that with the exception of failure of an old XP computer located at the VHF/UHF station in the Lou Room, all systems are functioning within normal and expected parameters. Randy will attempt repair of the old computer.

Museum (KR7W) Randy WB4SPB said that restoration projects are ongoing. There have also been discussions about reorganizing the layout of the museum.

Library George K7GRS outlined upcoming changes to the lending library policies that will better enable tracking of borrowed books.

Facilities Mgmt No Report

Prop Mgmt Red WB7EC reported surplus sales of $276 and raffle proceeds of $45. Several new donations have been recently received and will be made available for disposition soon.

Logger's Bark PJ N7PH reiterated that the publication of the December issue of the Bark will be his last editorial duty. Anyone interested in taking on the duties should contact PJ or any club officer.

4th Weds Activity Night - TBD

New Business

State Fair Booth - Stephan AD7AB is coordinator. Sign up for shifts

Unfinished Business and Announcements

Annual Picnic August 25 at Ft. Steilacoom Park (across from State Hospital)

Salmon Run upcoming Sept 21-22

Program This month's program was a good 20 minute HD video podcast from Bob K6UDA with the basics of the "Digital FM Modes" radio choices: WiresX, D-Star, Fusion, etc.

Tuning and Traffic Mike W7MKE spoke about some of the nuances between operability of FT4 versus FT8

Door Prize A scanner was won by Ron K6HSB

Raffle Prize Dave N7HT won a Morse Code tutorial.

Adjournment was at 1433 PDT.

Respectfully submitted, Mike W7MWF

Radio Club of Tacoma
Board of Directors Meeting Minutes
August 7, 2019

Meeting called to order at 1857 PDT by President Dave W7UUU.

Officers and Directors Present

President	Dave Ellison W7UUU
Vice President	Mike Mikuchonis W7XTZ
Secretary	Mike Finnie W7MWF
Treasurer	Steve Dightman AF7YD
Board	Bruce Hanson WE7P
Board	Adam Barbera W2NCC
Board	Red Cranefield WB7EC

Quorum A quorum was seated. There were 16 names on the attendance roster.

Silent Key or Illness? Larry KD4VOM is out of the hospital and recuperating.
It was noted that Ralph Fuller KA7FIG RCT # 950 had become a Silent Key on May 26, 2019.

Approval of Minutes The minutes of the July 3, 2019 Board Meeting were approved as circulated.

Secretary's Report Mike W7MWF reported receipt of the usual stuff: QSL cards, periodicals, utility bills, bank statements. The Property Tax Notice of Valuation was received and there is an increase of $34,500 ($268,500 >> $303,000).

Treasurer's Report Steve AF7YD circulated copies of the current treasury accounts. A copy of Steve's report is filed with these minutes.

Committee / Reports

Membership George K7GRS reported current membership is 274.

Training Technician training is suspended through the summer. The next scheduled class will be held October 6/7
VE Testing will be held August 13

Library (AD7AV) Doug AD7AV provided the Semiannual Library Report. Especially noteworthy is that the protocols for the lending library will be revised to provide better inventory control of books checked out. The dedication of the DeMaw Memorial Library will be held at a suitable time. A copy of the Library Committee Report is filed with these minutes.

Info Tech and Website Randy WB4SPB reported that all systems are operating within normal and expected parameters, except for the old XP computer located at the VHR/UHF station in the Lou Room. Evaluation and possible repair will be undertaken by Randy.

HF Operations It was reported that all systems are functioning. It is proposed that the HF facility (Flex)

will be operated remotely from the booth at the State Fair, but not to on a schedule to interfere with Salmon Run activities.

Repeater Ops No report

Facilities Mgmt. Adam W2NCC reported that bait stations and kill traps have been strategically placed in the Clubhouse. Adam also reported that the new garage bay door is in stock, but retrofitting of the rough opening needs to be done before installation. A bid was submitted by the installer to complete the work for $500. It was moved, seconded, and passed to allocate $550 for the construction.

Property Mgmt. Red WB7EC submitted the August surplus property disposition approval request. The request was approved provided disposition was in accordance with club policies. A copy of the disposition request is filed with these minutes. July surplus sales income was $276 and raffle income was $70.

Museum Randy WB4SPB reported restorations are still in progress. A possible reconfiguration/ remodeling plan for the museum is being developed.

Weds Workshop TBA – Possibly open house/GOTA

General Meeting The August Meeting Presentation was a 20 minute HD video podcast from Bob K6UDA with the basics of the "Digital FM Modes" radio choices: WiresX, D-Star, Fusion, etc.

Unfinished Business

State Fair issues and scheduling – Sept 11-22

Chairmanships to be vacated the end of 2019:

- Bark Editor
- General Meeting Program Coordinator
- General Meeting Refreshment Host/Hostess

New Business

President Dave has appointed the following members to the nominating committee: Randy WB4SPB, Greta KF7KSW, and Verna KF7SCB. Up for election this year are the Vice President, Secretary, and 3 Board Members (WE7P, W2NCC, and W7PFU).

The 2020 Field Day Coordinator, Verna KF7SCB provided an outline of the strategic plan for the 2020 Field Day operations. A copy of Verna's proposal is filed with these minutes. She announced there will be section chiefs over areas that involve a lot of people: antennas, stations, shelter setup/takedown, and logistics (loadmaster). Each section chief will be the primary contact point for these areas and will form the bulk of Verna's planning team. The idea is for the various sections to have a knowledgeable person to coordinate their part of Field Day. Verna's proposal was accepted by the Board and she has full support to move forward on her proposal.

Activity Reports and Discussion Topics

Annual Picnic August 25 at Ft. Steilacoom Park (across from State Hospital)

Salmon Run upcoming Sept 21-22

Announcements

Gary WG7X will now be the Net Control for 5th Tuesdays on the 2 meter net.

Steve AF7YD reported on his participation in the Country Cousins net, and proposed development of a similar net using the 440 repeater. This proposal will be evaluated as a potential future project.

Adjournment was at 2008 PDT.

Respectfully submitted,
Mike W7MWF
RCT Secretary

The Club LINEUP

Club Officers

President: Dave Ellison, W7UUU - w7uuu©w7dk.org

Vice Pres: Mike Mikuchonis, W7XTZ - w7xtz©w7dk.org

Secretary: Mike Finnie, W7MWF - w7mwf©w7dk.org

Treasurer: Steve Dightman, AF7YD - af7yd©w7dk.org

5 Board Members

Bruce Hanson, WE7P - we7p©w7dk.org

Paul Matney, W7PFU - w7pfu©w7dk.org

Adam Barbera, W2NCC - w2ncc©w7dk.org

Red Cranefield, WB7EC - wb7ec©w7dk.org

Phil Pia, K7PIA - k7pia©w7dk.org

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www.w7dk.org [LINK] - For the latest and most current information on events and activities, visit the Radio Club of Tacoma Website.

Radio Club Repeaters

Central Tacoma: 147.280 + PL=103.5

Crawford Mountain 147.380 + PL=103.5 (E of Olympia © 1500 ft ASL)

Central Tacoma: 440.625 + PL=103.5

North Tacoma: 145.21 – PL=141.3